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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/855,502	05/16/2001	Sylvain Chafer	Q64471	9436

7590

08/08/2003

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
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EXAMINER

ABDULSELAM, ABBAS I

ART UNIT	PAPER:NUMBER
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2674

DATE MAILED: 08/08/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/855,502

Applicant(s)

CHAFER ET AL.

Examiner

Abbas I Abdulsalam

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 May 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11, 14 and 15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11, 14 and 15 is/are rejected.
- 7) ☒ Claim(s) 13 and 16 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-11 and 13-16 have been considered but are moot in view of the new ground(s) of rejection.

Claim Objections

2. Claim 13 and 16 are objected to because of the following informalities:

Claim 13 depends on the canceled claim 12 and claim 16 depends on claim 13. Appropriate correction is required.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-11 and 14-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Berry et al. (USPN 6256030) in view Brozowski et al. (USPN 6559871).

Regarding claims 1, 6 and 11, Berry teaches event handling system in connection with the user's manipulation of a keyboard that includes event type keyboard (259) and handling keyboard event in object (269). See Fig 7(A-C). Berry teaches navigating between levels of a composite object in graphical user interface in keyboard mode. See col. 2, lines 20-25. Berry teaches that the object can be demonstrated in tree form as shown in Fig 3, Fig 8(A-B) and Fig.

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10(A-B). Berry also teaches the use of arrow keys and a tab key for the purpose of navigating from object to object. Col. 8, lines 60-65. Furthermore, Berry teaches that in the in the case of a keyboard event, a consecutive next object is determined according to the compound object's hierarchy that will determine appropriateness for keyboard input (265). See col. 10, lines 32-52. However, Berry does not disclose the association between key lists and each graphical element of the tree such that the child graphical elements inherit the key lists associated with their respective parent elements. Brozowski on the other hand teaches a tree presentation (130) including objects and child objects. For example, objects (161, 162) are child objects of object (151). See Fig. 2. Brozowski further teaches that the branches in the tree, or objects as shown in Fig. 2 include control buttons (172, 173, 174, 175) allowing the user to perform to key designated functions to manipulate the information on the lower part of the tree. See col. 5, lines 50-67, col. 6, lines 1-40 and Fig. 2.

Therefore, it would have been obvious to one skilled in the art at the time the invention was made to modify Berry's graphical user interface system to adapt Brozowski's tree presentation (130) of data. One would have been motivated in view of the suggestion in Brozowski that the tree presentation as configured in Fig. 2 equivalently provides the desired association among key lists, child graphical elements, and parent graphical elements. The use of tree presentation of data helps function graphical user interfaces for computer systems as taught by Brozowski.

Regarding claims 2 and 7, Brozowski teaches the use of user input devices (50) including a keyboard (54), which may be used to designate areas of the screen or location such as the border of a workspace or an object in a tree view display. See col. 8, lines 46-52. Moreover,

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Brozowski discloses that the navigator user graphical interface that may be programmed to in terms of loading data and anticipation of request. It would have been obvious to utilize the program for the desired comparison. See col. 15, lines 30-43.

Regarding claims 3-5 and 8-10, Berry teaches navigation system within a graphic user interface applicable for a variety of computers including a mini computer, under different operating systems.

Regarding claims 14-15, Brozowski teaches the use of navigator user graphical interface with a programmable feature. It would have been obvious to utilize the program to obtain the desired error message

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

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5. Any inquiry concerning this communication or earlier communication from the examiner should be directed to **Abbas Abdulsalam** whose telephone number is **(703) 305-8591**. The examiner can normally be reached on Monday through Friday (9:00-5:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Richard Hjerpe**, can be reached at **(703) 305-4709**.

Any response to this action should be mailed to:

Commissioner of patents and Trademarks

Washington, D.C. 20231

or faxed to:

(703) 872-9314

Hand delivered responses should be brought to Crystal Park II, Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology center 2600 customer Service office whose telephone number is (703) 306-0377.

Abbas Abdulsalam

Examiner

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August 6, 2003



RICHARD HJERPE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600